

## **Report on Exposure Visit to Fishery & Poultry Unit**

Maharashtra Animal & Fisheries Sciences University (MAFSU), Nagpur  
November 19, 2014 (Wednesday)



## **Introduction:**

Leveraging Agriculture for Nutrition in South Asia (LANSA) is a multi-country multi-institution research Programme consortium in which M S Swaminathan Research Foundation (MSSRF) is the lead institution. As a part of our research under LANSA, MSSRF is implementing Farming System for Nutrition (FSN) model in villages in Arvi and Karanja blocks of Wardha district. Fishery & Poultry interventions will understandably have to be an integral part of farming system that is aiming to promote nutrition.

## **Objective of the visit:**

To get more Practical experience on Fish Cultivation, Fish Rearing & Poultry interventions implemented by LANSA projects under Farming System for Nutrition (FSN) initiative in Wardha District of Maharashtra.

## **List of participants:**

### **a) Farmers**

1. Sh. Kiranji Thombare
2. Sh. Shankarrao Nikude
3. Sh. Meghraj Irpache

### **b) Field Staff**

4. Sh. Fakirchand Khandate
5. Sh. Nilesh Nagose
6. Sh. Sudhir Kumre
7. Sh. Mahesh Sadatpure

## **Duration of the field visit:**

This field visit was conducted on dated 19 November, 2014 at Fishery & Poultry departments of Maharashtra Animals & Fisheries Sciences University (MAFSU) Nagpur.

## Visited Departments & sites:

In this field visit we were able to visit two departments with sites i.e. Fishery & Poultry departments of Maharashtra Animals & Fisheries Sciences University (MAFSU) Nagpur.

## Staff of MAFSU (Co-ordinate):

1. Dr. Prashant Telvekar
2. Dr. Rajeev Rathod
3. Dr. Satyajit Belsare
4. Dr. Dr. Kulkarni
5. Dr. Kadam
6. Mr. Ajay

### I) Visit to Fish Seed Production/Rearing centre



Dr. Kulkarni, the in charge gave an orientation to us on their Seed production (rearing) unit, Fish Species, Hatchery unit and discussed different activities they doing their centre. From this discussion and orientation we were able to understand the how to produce fingerlings which is used for stocking & its management etc.

**The detail discussion of the topics can be discussed as follows:**

- ✓ Fish farming concept
- ✓ Fish rearing concept
- ✓ Fish seed
- ✓ Care & management during fish rearing for fingerlings production.
- ✓ Site selection for fish farming & Rearing.
- ✓ Pond preparation & stocking.
- ✓ Treatment
- ✓ Fingerlings rate of required size of fish pond/Farm pond.
- ✓ Natural feed (Plankton).
- ✓ It's Scope for Water harvesting.
- ✓ Disease management.
- ✓ Type of feeds, quantity & supply (as per size of seed)
- ✓ Quantity & depth of water during stocking as well as upto harvesting.
- ✓ Reproduction process (eggs-fingerlings).
- ✓ Introduction of different species.

During this time we visited to different sites of fishery components with mafsu technical as well as non-technical staff. **The visited sites are as follows:**

- ✓ Specimen laboratory (Museum).
- ✓ Equipment store room.
- ✓ Fish production units.
- ✓ Water harvesting structures.
- ✓ Hatchery unit.
- ✓ Seed rearing units.
- ✓ Ornamental fish breed sites.

## **II) Visit to Poultry unit :**

Dr. Kadam, the in charge of Poultry department gave an orientation to us on their Poultry production unit, Species, Hatchery unit and discussed different activities they doing their centre.



From this discussion and orientation we were able to understand in details the backyard & commercial poultry farming to the FSN Farmers.



**The detail discussion of the topics can be discussed as follows:**

- ✓ Poultry farming.
- ✓ Backyard poultry farming (Low cost unit).
- ✓ Commercial poultry farming.
- ✓ Size of unit (shade) with no. of birds/chicks.
- ✓ Selection of sites (as per East-West direction).
- ✓ Selection of breed (as per agro-climatic situation)
- ✓ Feed types, feeding days & management (Pre-starter—starter—Finisher).
- ✓ Care & management during production.

- ✓ Disease symptoms identification & management.
- ✓ Vaccines & vaccination.
- ✓ Economics per unit of poultry.

During this time we visited to different sites of Poultry components with technical staff.

**The visited sites are as follows:**

- ✓ Low cost poultry unit.
- ✓ Commercial poultry unit.
- ✓ Broiler unit.
- ✓ Layer unit.
- ✓ Hatchery unit.
- ✓ Different structure of unit (area specified).

**Lessons learned:**

- Practical experience gained during lead these interventions at farm level.
- Planning and enterprise selection based on the household interest (As per farmer's willingness) and capacity.
- Interventions management.
- Integrated farming approach for incremental income as well as subsidiary occupation also.
- Low cost unit for additional income.
- Low cost technology.
- Organizing Groups for a crucial role in to manage and provide technical support & follow up, to link individual beneficiaries with market as well as other institutions.
- Enterprise diversification for livelihood security.
- Suitable model for integrate with agriculture for promote Nutrition.

Thanking you.

**Mahesh Maske**  
**Research Associate (Agriculture)**  
**LANSA, MSSRF Wardha**



